

## **Learning outcomes:**

**By choosing a specialization in Health Management, Health Economics or Economic Evaluation, you will be able to go into depth in a field that specifically interests you. If you rather would like to gain a broader perspective of Health Economics, Policy and Management, you must choose the General program which will give you the opportunity to gain knowledge, skills and competencies from all three fields.**

Upon completing the programme, you should be able to have knowledge, skills and competencies of the specialization/general program you have chosen:

### **Health management**

#### *Knowledge*

You will gain knowledge of:

- the management tools and techniques used to design and manage successful organizations
- core financial accounting and control principles
- the work of management accounting, incorporating budget preparation and budget appraisal
- ethical principles and principles of priorities

#### *Skills*

You will learn how to:

- analyze and evaluate complex policy and organizational challenges at both the micro level and at higher levels within health care systems
- differentiate between the functions, roles and responsibilities of healthcare managers
- make successful negotiations
- define and apply key quality concepts in health care organizations
- manage organizational processes, including redesigning organizations
- effectively and efficiently foster innovation within care settings
- demonstrate personal and professional ethical responsibility in all managerial and organizational decision making

#### *Competence*

You will attain competences:

- of organizational analysis
- of communication
- of medical ethics
- to meet challenges on a multitude of levels within health care systems.

## **Health economics**

### *Knowledge*

You will gain knowledge of:

- the key analytical reasoning and tools of health economics and their normative foundations and ethical implications
- basic economic theories and models of regulation applied to health care providers as GPs, hospitals and long-term care organizations
- the health-related behavioral determinants and an overview of some recent policies aimed at improving the populations' lifestyles

### *Skills*

You will learn how to:

- use economic models to understand behaviors of actors in the health care sector
- do analyses of needs for health care services
- make analyses of efficiency and quality of health care organizations
- find and utilize relevant data sources describing
- use relevant econometric models for the analysis of the economic agents' behavior

### *General competence:*

You will attain:

- competence to apply economic concepts and models to the fields of demand for health, demand for health services, demand for health insurance, provision of health insurance and provision of health care.
- competence to describe, analyze and critically address economic aspects of health care organizations

## **Economic evaluation**

### *Knowledge*

You will gain knowledge of:

- economic theories and models of health program evaluations
- basic theories of decision making under uncertainty
- key concepts of pharmaceuticals pricing and market access

### *Skills*

You will learn how to:

- develop decision tree models and Markov models for economic evaluation of pharmaceuticals and health technology and evaluate uncertainty in such models

- develop and perform simple health technology assessment studies
- understand and analyze EU pharmaceutical legislation related to relevant cases/topics

*General competence:*

You will attain:

- competence in distinguishing different decision-making frameworks, like informed decision making, situated judgment, political decision making
- experience in different methods to estimate the effects of a treatment or a policy intervention